



Advanced Certificate in SONOGRAPHY

Become an ultrasound technician

“In today’s world you need more than one type of skill.

I already had my bachelor’s degree in nursing and decided to go back to school to learn sonography. I am so glad I did because it turned the job I loved into one I love even more.”

Diagnostic Medical Sonographers are highly-skilled professionals who use equipment to create images of structures inside the human body that are used by physicians to make medical diagnoses. These images are made using sound waves rather than x-rays, thus having a wide range of applications in healthcare.

What Sonography graduates do:

- Use high-tech instrumentation to create and interpret images from inside the human body, used by physicians to make a medical diagnosis
- Provide care to a variety of people ranging from healthy to critically ill, obtaining and recording patient medical histories and data
- Analyze technical information, committing to life-long learning to maintain knowledge and expertise in a rapidly growing healthcare profession
- Work as part of the healthcare team in the diagnosis of disease

Students will learn:

- All aspects of diagnostic ultrasound with an emphasis on abdominal, obstetrics and gynecology, and superficial structures
- Patient care skills, medical ethics, and the communication skills necessary to function as a member of the healthcare team
- The physics of ultrasound and how to operate ultrasound equipment in a safe and effective way

Sonography graduates work in:

- Hospitals
- Outpatient care centers
- Mobile imaging laboratories
- Medical imaging centers
- Women’s health centers



Accredited by the Commission on Accreditation of Allied Health Programs (CAAHEP) (www.caahep.org) upon recommendation of the Joint Review Committee on Education in Diagnostic Medical Sonography (JRC-DMS), 6021 University Boulevard, Suite 500, Ellicott City, MD 21043; Telephone: 443-973-3251; Fax: 866-738-3444
Website: www.jredms.org, Email: jredms@intersocietal.org

Program entry requirements:

To see the entrance requirements for this program, please visit the pages ahead, and visit www.kvcc.me.edu/adv/son

For further questions about this program, please contact Dr. Ruben Perez at:

son@kvcc.me.edu

or go to:

www.kvcc.me.edu/son



SONOGRAPHY

Course #	Course Title	Credits	Prerequisites (Co-requisites)
<u>Advanced Certificate</u>			
<u>FIRST SEMESTER</u>			
— —	DMS200 Principles of Diagnostic Medical Sonography in a Patient Care Setting	3	Admission to Sonography program (DMS201, DMS203, DMS206)
— —	DMS201 Introduction to Abdominal Sonography, Superficial and Special Structures	4	Admission to Sonography program (DMS200, DMS203, DMS206)
— —	DMS203 Primary Practicum	4	Admission to Sonography program (DMS200, DMS201, DMS206)
— —	DMS206 Clinical Physics in Diagnostic Ultrasound	3	Admission to Sonography program (DMS200, DMS201, DMS203)
<u>SECOND SEMESTER</u>			
— —	DMS202 Obstetrical and Gynecological Ultrasound I	3	DMS200, DMS201, DMS203, DMS206 (DMS207, DMS208, DMS209)
— —	DMS207 Abdominal Techniques, Anatomy, and Pathology	3	DMS201 (DMS202, DMS208, DMS209)
— —	DMS208 Evaluation of the Gravid and Non-Gravid Pelvis	3	(DMS202, DMS207, DMS209)
— —	DMS209 Intermediate Clinical Practicum	8	DMS203 (DMS202, DMS207, DMS208)
<u>SUMMER SESSION (10 WEEKS)</u>			
— —	DMS213 Extra-Cranial Doppler Model and Venous Duplex Techniques	3	Completion of 1st & 2nd semesters of DMS program (DMS214)
— —	DMS214 Integrated Clinical Practicum	7	DMS209 (DMS213)
<u>THIRD SEMESTER</u>			
— —	DMS215 Diagnostic Medical Sonographic Interpretation	3	DMS202, DMS207, DMS208, DMS213, DMS214 (DMS216)
— —	DMS216 Advanced Clinical Practicum	10	DMS214 (DMS215)
TOTAL CREDITS		54	

Criteria for Graduation

Students must complete 54 credits in the Sonography program, achieve a minimum grade of “C” in all courses, and attain a final GPA of 2.0 or higher.